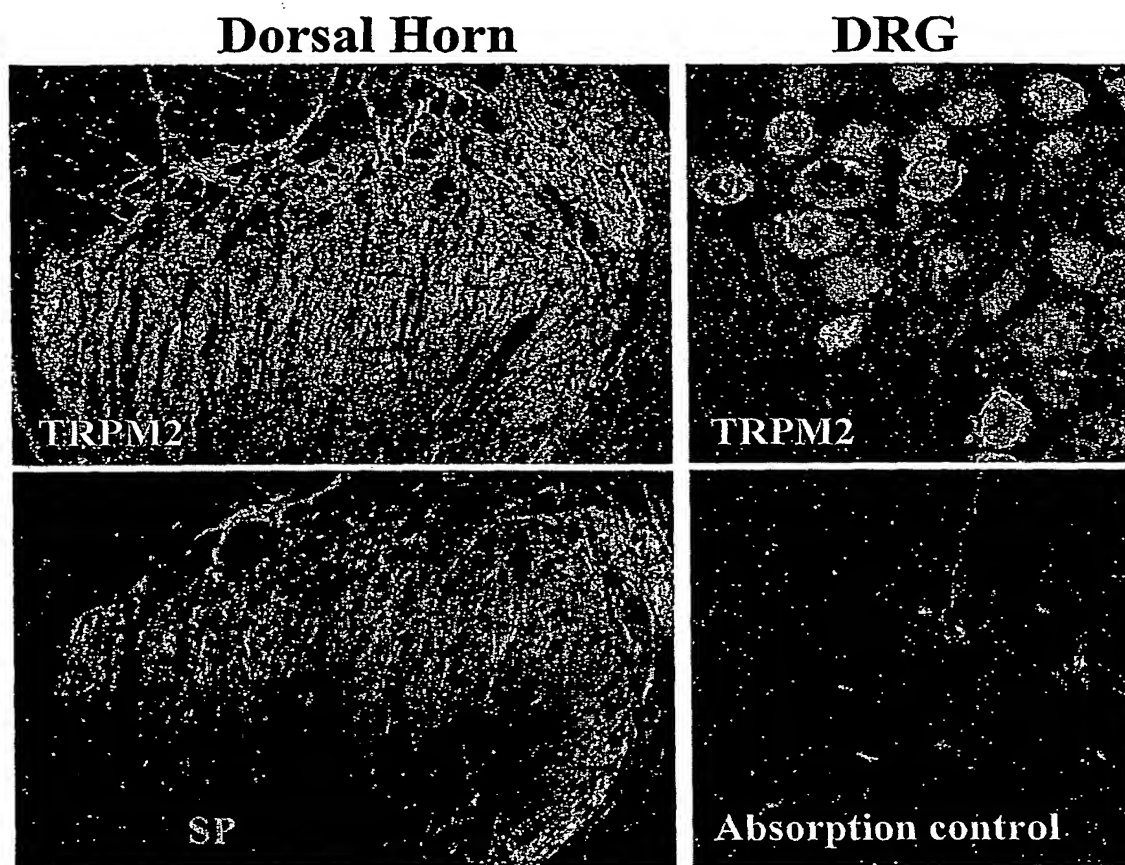


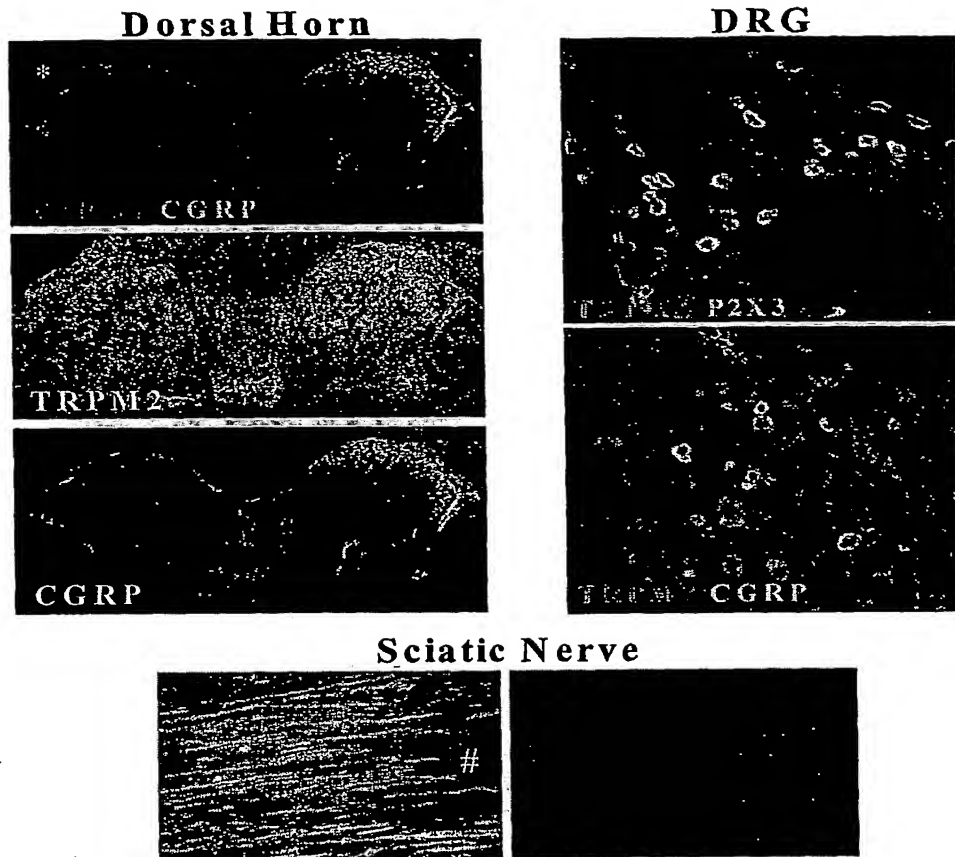
1/8

Figure 1



2/8

Figure 2

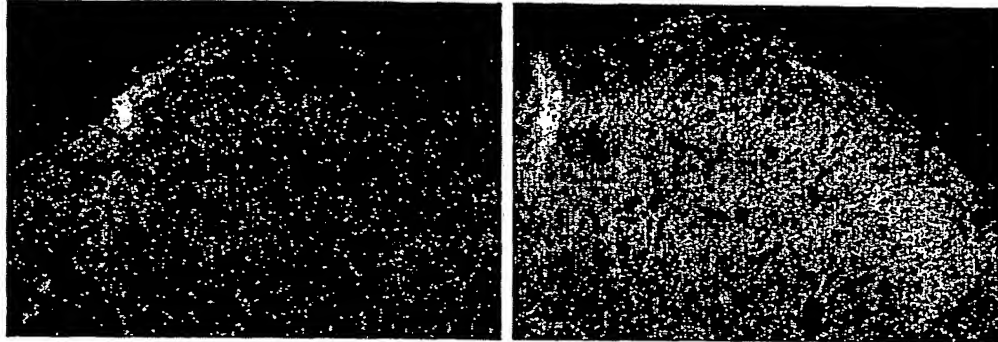


BEST AVAILABLE COPY

3/8

Figure 3

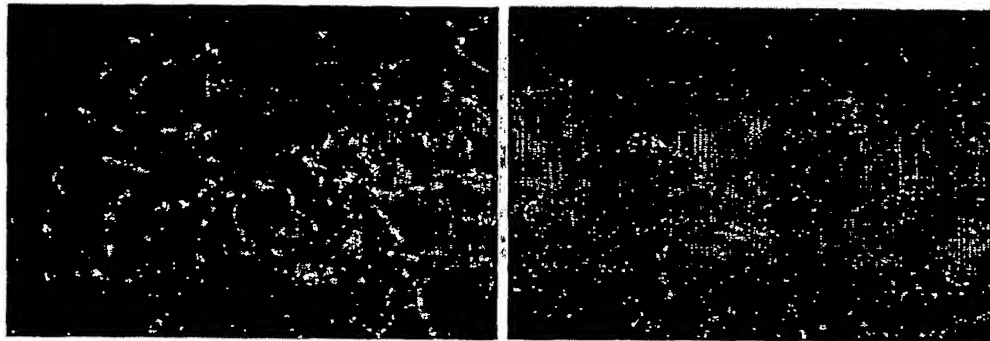
Dorsal Horn



Ipsilateral to SNL

Contralateral to SNL

Ventral Horn



Ipsilateral to SNL

Contralateral to SNL

BEST AVAILABLE COPY

Figure 4

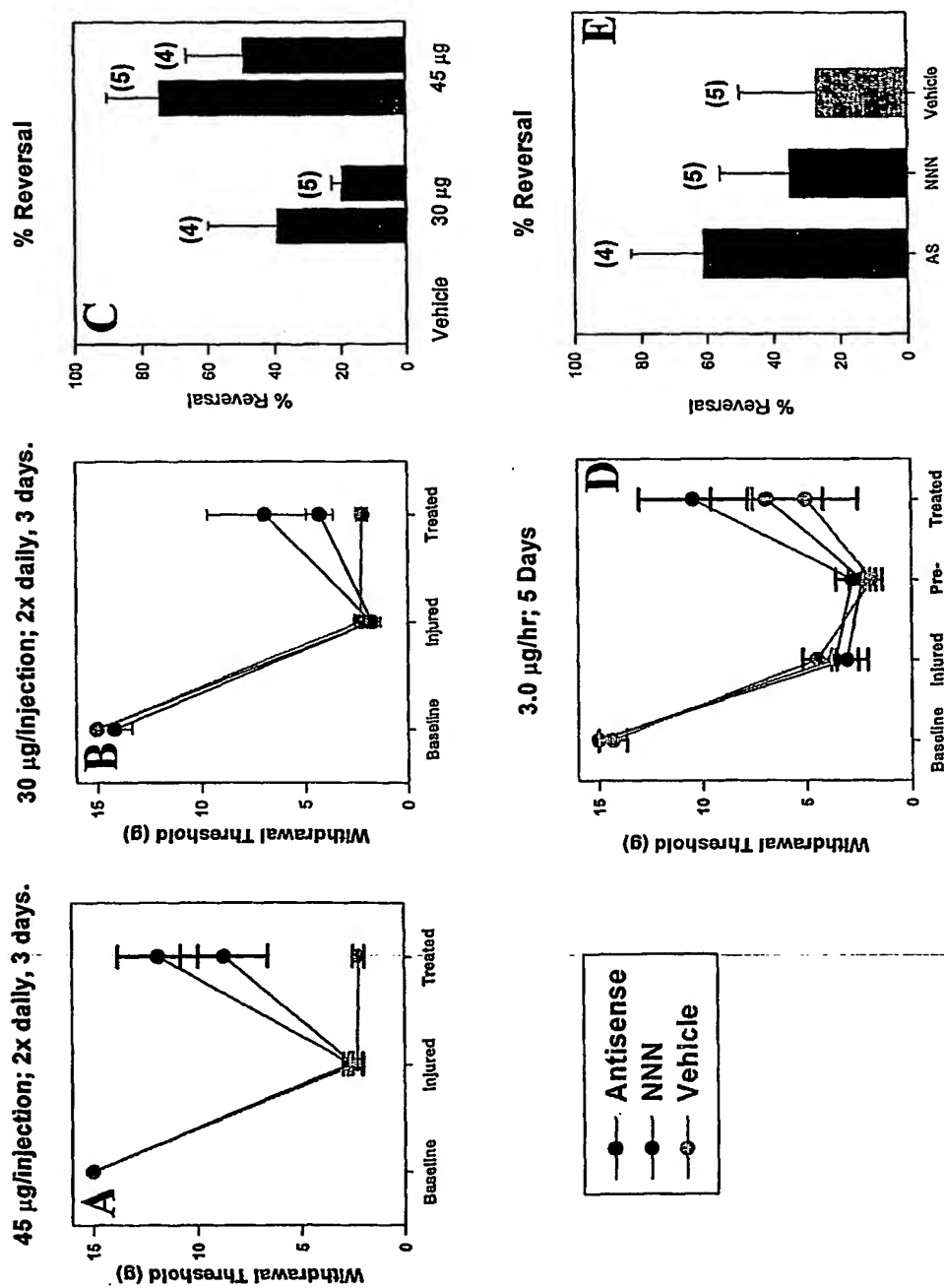


Figure 5. Human TRPM2 (GenBank Accession No. XM_009803)

TGTGCAGAATTGTACAGTTGCGAAACCATGTCGCTGGCAGCTGGTGCTGGCGGTGGAGACTTCCC
TGTGCGGTGCTCAGTGCAGCTGCACCCGTGGGGGAGGGAGCTCTTTCTCTGGCCCTGCAGTCACC
TGAGGTTGTTACCATTATGAACGGCCGCTGGGACCCCCGCATGTGCATGTACTCCCCCAGAGTGT
CCGGGGGCCCCAGCCAAGGGACACAGCTCAGGCAGCTGGGAACATGTGCAGGCTGATGAAGAGAA
CCGGATGAGGGCTTCACATGAGGAAGCATGTGGCCAGGTCCTCTCAGAACATCAGCCTCATCTTC
CTGTCTCTGATCTATTTTCAGCAACCACCCCATGTGTCTCTAGAACCCAGTGTAGCGAGCTGGAG
AGAGGACTGTCCTGAGGGCAGCAGGCCTGGTTGCAGCTGGCGTGGGGGTCTCAGAATGGAGCCCT
CAGCCCTGAGGAAAGCTGGCTCGGAGCAGGAGGAGGGCTTTGAGGGGCTGCCAGAAGGGTCACT
GACCTGGGGATGGTCTCCAATCTCCGGCGCAGCAACAGCAGCCTCTTCAAGAGCTGGAGGCTACA
GTGCCCCCTTCGGCAACAATGACAAGCAAGAAAGCCTCAGTTCTGTGGATTCTTGAAAACATCAAGA
AGAAAGAAATGCGTGTATTTTGTGGAAAGTTCCAAACTGTCTGATGCTGGGAAGGTGGTGTGTGTCAG
TGTGGCTACACGCATGAGCAGCACTTGGAGGAGGCTACCAAGCCCCACACCTTCCAGGGGCACACA
GTGGGACCCAAAGAAACATGTCCAGGAGATGCCAACCGATGCCTTTGGCGACATCGTCTTCACGG
GCCTGAGCCAGAAGGTGAAAAAGTACGTCCGAGTCTCCAGGACACGCCCTCCAGCGTGATCTAC
CACCTCATGACCCAGCACTGGGGGCTGGACGTCCCCAATCTCTTGATCTCGGTGACCGGGGGGGC
CAAGAACTTCAACATGAAGCCGCGGCTGAAGAGCATTTTCCGCAGAGGCCTGGTCAAGGTGGCTC
AGACCACAGGGGCCTGGATCATCACAGGGGGGTCCACACCGCGTCATGAAGCAGGTAGGCGAG
GCGGTGCGGGACTTCAGCCTGAGCAGCAGCTACAAGGAAGGCGAGCTCATCACCATCGGAGTCGC
CACCTGGGGCACTGTCCACCGCCGCGAGGGCCTGATCCATCCACGGGCAGCTTCCCCGCCGAGT
ACATACTGGATGAGGATGGCCAAGGGAACCTGACCTGCCTAGACAGCAACCACTCTCACTTCATC
CTCGTGGACGACGGGACCCACGGCCAGTACGGGGTGGAGATTCTCTGAGGACCAGGCTGGAGAA
GTTTCATATCGGAGCAGACCAAGGAAAGAGGAGGTGTGGCCATCAAGATCCCCATCGTGTGCGTGG
TGCTGGAGGGCGGCCCGGGCACGTTGCACACCATCGACAACGCCACCACCAACGGCACCCCCCTGT
GTGGTTGTGAGGGCTCGGGCCGCGTGGCCGACGTCAATTGCCCAGGTGGCCAACCTGCCTGTCTC
GGACATCACTATCTCCCTGATCCAGCAGAACTGAGCGTGTTCTTCCAGGAGATGTTTGAGACCT
TCACGGAAAGCAGGATTGTGAGTGGACCAAAAAGATCCAAGATATCGTCCGGAGGCGGCAGCTG
CTGACTGTCTTCCGGGAAGGCAAGGATGGTCAGCAGGACGTGGATGTGGCCATCTTGCAGGCCTT
GCTGAAAGCCTCACGGAGCCAAGACCACTTTGGCCACGAGAACTGGGACCACCAGCTGAAACTGG
CAGTGGCATGGAATCGCGTGGACATTGCCCGCAGTGAGATCTTCATGGATGAGTGGCAGTGGAAG
CCTTCAGATCTGCACCCACGATGACAGCTGCACTCATCTCCAACAAGCCTGAGTTTGTGAAGCT
CTTCTGGAGAACGGGGTGCAGCTGAAGGAGTTTGTACCTGGGACACCTTGCTCTACCTGTACG
AGAACCTGGACCCCTCCTGCCTGTTCCACAGCAAGCTGCAGAAGGTGCTGGTGGAGGATCCCGAG
CGCCCGGCTTGCGCGCCCGCGCGCCCCGCTGCAGATGCACCACGTGGCCAGGTGCTGCGGGA
GCTGCTGGGGGACTTCACGCAGCCGCTTTATCCCCGGCCCCGGCACAACGACCGGCTGCGGCTCC
TGCTGCCCCTTCCCCACGTCAAGCTCAACGTGCAGGGAGTGAGCCTCCGGTCCCTCTACAAGCGT
TCCTCAGGCCATGTGACCTTCACCATGGACCCCATCCGTGACCTTCTCATTTGGGCCATTGTCCA
GAACCGTCGGGAGCTGGCAGGAATCATCTGGGCTCAGAGCCAGGACTGCATCGCAGCGGCCCTTGG
CCTGCAGCAAGATCCTGAAGGAAGTGTCCAAGGAGGAGGAGGACACGGACAGCTCGGAGGAGATG
CTGGCGCTGGCGGAGGAGTATGAGCACAGAGCCATCGGGGTCTTACCGAGTGCTACCGGAAGGA
CGAAGAGAGAGCCCAGAACTGCTCACCCGCGTGTCCGAGGCCTGGGGGAAGACCACCTGCCTGC
AGCTCGCCCTGGAGGCCAAGGACATGAAGTTTGTGTCTCACGGGGGCATCCAGGCCTTCTTGACC
AAGGTGTGGTGGGGCCAGCTCTCCGTGGACAATGGGCTGTGGCGTGTGACCCTGTGCATGCTGGC
CTTCCCGCTGCTCCTCACCGGCCTCATCTCCTTCAGGGAGAAGAGGCTGCAGGATGTGGGCACCC
CCGCGGCCCGCGCCCGTGCCTTCTTACCGCACCCGTGGTGGTCTTCCACCTGAACATCCTCTCC
TACTTCGCCTTCTCTGCCTGTTCGCTACGTGCTCATGGTGGACTTCCAGCCTGTGCCCTCCTG
GTGCGAGTGTGCCATCTACCTCTGGCTCTTCTCCTTGGTGTGCGAGGAGATGCGGCAGCTCTTCT
ATGACCCTGACGAGTGCGGGCTGATGAAGAAGGCAGCCTTGTACTTCAGTGACTTCTGGAATAAG

BEST AVAILABLE COPY

CTGGACGTCGGCGCAATCTTGCTCTTCGTGGCAGGGCTGACCTGCAGGCTCATCCCGGCGACGCT
GTACCCCGGGCGCGTCATCCTCTCTCTGGACTTCATCCTGTTCTGCCTCCGGCTCATGCACATTT
TTACCATCAGTAAGACGCTGGGGCCCAAGATCATCATTGTGAAGCGGATGATGAAGGACGTCTTC
TTCTTCTCTTCTGCTGGCTGTGTGGGTGGTGTCTTCGGGGTGGCCAAGCAGGCCATCCTCAT
CCACAACGAGCGCCGGGTGGACTGGCTGTTCCGAGGGGGCCGTCTACCACTCCTACCTCACCATCT
TCGGGCAGATCCCGGGCTACATCGACGGTGTGAACCTCAACCCGGAGCACTGCAGCCCCAATGGC
ACCGACCCCTACAAGCCTAAGTGCCCCGAGAGCGACGCGACGCAGCAGAGGCCGGCCTTCCCTGA
GTGGCTGACGGTCCTCTACTCTGCCTCTACCTGCTCTTCACCAACATCCTGCTGCTCAACCTCC
TCATCGCCATGTTCAACTACACCTTCCAGCAGGTGCAGGAGCACACGGACCAGATTTGGAAGTTC
CAGCGCCATGACCTGATCGAGGAGTACCACGGCCGCCCCGCGCGCCGCCCCCTTCATCCTCCT
CAGCCACCTGCAGCTCTTCATCAAGAGGGTGGTCTGAAGACTCCGGCCAAGAGGCACAAGCAGC
TCAAGAACAAGCTGGAGAAGAACGAGGAGGCGGCCCTGCTATCCTGGGAGATCTACCTGAAGGAG
AACTACCTCCAGAACCGACAGTTCAGCAAAAGCAGCGGCCCGAGCAGAAGATCGAGGACATCAG
CAATAAGGTTGACGCCATGGTGGACCTGCTGGACCTGGACCCACTGAAGAGGTCGGGCTCCATGG
AGCAGAGGTTGGCCTCCCTGGAGGAGCAGGTGGCCAGACAGCCCAAGCCCTGCACTGGATCGTG
AGGACGCTGCGGGCCAGCGGCTTCAGCTCGGAGGCGGACGTCCCCACTCTGGCCTCCAGAAGGC
CGCGGAGGAGCCGGATGCTGAGCCGGGAGGCAGGAAGAAGACGGAGGAGCCGGGCGACAGCTACC
ACGTGAATGCCCGGCACCTCCTCTACCCCAACTGCCCTGTACGCGCTTCCCCGTGCCCAACGAG
AAGGTGCCCTGGGAGACGGAGTTCCTGATCTATGACCCACCCTTTTACACGGCAGAGAGGAAGGA
CGCGGCCGCCATGGACCCCATGGGAGACACCCTGGAGCCACTGTCCACGATCCAGTACAACGTGG
TGGATGGCCTGAGGGGACCGCCGGAGCTTCCACGGGCGGTACACAGTGCAGGCCGGGTGCCCCCTG
AACCCCATGGGCGCACAGGACTGCGTGGGCGCGGGAGCCTCAGCTGCTTCGGACCCAACCACAC
GCTGTACCCCATGGTCACGCGGTGGAGGCGGAACGAGGATGGAGCCATCTGCAGGAAGAGCATAA
AGAAGATGCTGGAAGTGCTGGTGGTGAAGCTCCCTCTCTCCGAGCACTGGGCCCTGCCTGGGGGC
TCCCGGGAGCCAGGGGAGATGCTACCTCGGAAGCTGAAGCGGATCCTCCGGCAGGAGCACTGGCC
GTCTTTTGAAAACCTTGCTGAAGTGCGGCATGGAGGTGTACAAAGGCTACATGGATGACCCGAGGA
ACACGGACAATGCCTGGATCGAGACGGTGGCCGTCAGCGTCCACTTCCAGGACCAGAATGACGTG
GAGCTGAACAGGCTGAACTCTAACCCTGCACGCCTGCGACTCGGGGGCCTCCATCCGATGGCAGGT
GGTGGACAGGCGCATCCCACTCTATGCGAACCACAAGACCCTCCTCCAGAAGGCAGCCGCTGAGT
TCGGGGCTCACTACTGACTGTGCCCTCAGGCTGGGCGGCTCCAGTCCATAGACGTTCCCCCCAGA
AACCAGGGCTTCTCTCTCCTGAGCCTGGCCAGGACTCAGGCTGTTTCTGGGCCCTGCACATGATG
GGGTTTGGTGGACCCAGTGCCCCCTCACGGCTGCCGCAAGTCTGCTGCAGATGACCTCATGAACTG
GAAGGGGTCAAGGTGACCCGGGAGGAGAGCTCAAGACAGGGCACAGGCTACTCAGAGCTGAGGGG
CCCCGGGACCCTTGGCCATCAGGCGAGGGGCTGGGCCCTGTGCAGCTGGGCCCTTGGCCAGAGTC
CACTCCCTTCTGCTGTGTACCCCGAGCAGCTCATCCACCATGGAGGTCATTGGCCTGAGGCA
AGTTCCCCGGAGAGTCGGGGTCCCCTGTGGCCCCCTCAGGCCTATGTCTGTGAGGAAGGGGCCCT
GCCACTCTCCCCAAGAGGGCCTCCATGTTTCGAGGTGCCTCAACATGGAGCCTTGCCCTGGCCTGG
GCTAGGGGCACTGTCTGAACTCCTGACTGTGAGGATAAACTCCGTGGGGGTACAGGAGCCCAGAC
AAAGCCCAGGCCTGTCAAGAGACGCAGAGGGGCCCTGCCAGGGTTGGCCCCAGGGACCCTGGGAC
GAGGCTGCAGAAGCTCTCCCTCCCTACTCCCTGGGAGCCACGTGCTGGCCATGTGGCCAGGGACG
GCATGAGCAGGAGGCGGGGACGTGGGGGCCTTCTGGTTTGGTGTCAACAGCTCACAGGAGCGTGA
ACCATGAGGGCCCTCAGGAGGGGAACGTGGTAAACCCAAGACATTAAATCTGCCATCTCAGGCC
TGGCTGGCTCTTCTGTGCTTTCACAAATAAAGTTCCTGACACGTCCAGGGCCAGGGGCTGTGTG
ACGGCTGCCTGAAGTTCCTCGATCCCCCGGTGAGCTTCTGCAGCCTGTGGATGTCTGCAGC
CCCTCAGCCCTACCCCCAAGTTTCTCCTCTGACCCATCAGCTCCCTGTCTTCATTTTCTAAACC
TGGGCTCCAGCATCGTCCCCAAGCCCACCAGGCCAGGATGCAGGCATCCACATGCCCTCCTCCTT
GGCTTCCCCTGCGTGGTGGTGCCAATGTGCCCTGGCACCCCTGCAGAGGCTCCGGATGGAGCCTG
GGGCTGCCTGGCCACTGAGCACTGGCCGAGGTGATGCCACCCCTTCCCTGGACAGGCCTCTGTCT
TCCACCTGACCCAAAGCTCTCTAGCCACCCCTTGTCCCCAG (SEQ ID NO:1)

BEST AVAILABLE COPY

Figure 6. Rat TRPM2

CCCCAACCTCACAAATGAGAAGAGACATCCCTGAAAGGCATCTAGAGATCTCTCTCCTCTGGTGG
ATCTGGAGCCGTGGAGGATGGAGCCCTTGGACCAGAGAAGAACTGACTCTGATCAAGAGGAGGGC
TTTGGGGTGCAAGAGCAGGAGGCTTCTGTGCTCCTTCAGCAGTGAGAAGCAAGAAAACCTTAGCT
CATGGATTCCCGAGAACATCAAGAAGAAGGAATGTGTGTATTTCGTGGAAAGTTCCAAGCTCTCG
GATGCACGGAAGGTAGTGTGTGAGTGTGGTTACACCCACGAGCAGCACATTGAAGTGGCCATCAA
GCCTCACACCTTCCAGGGCAAGGAGTGGGACCCAAAGAAACACGTCCATGAGATGCCTACAGATG
CCTTTGGTGACATTGTCTTCACCGGCTGAGCCAGAAAGTGGGGAAGTATGTCCGACTCTCCAG
GACACGTCGTCCATTGTCTATCTACCAGCTTATGACACAGCACTGGGGCCTGGATGTCCCCAGCCT
CCTCATCTCTGTGACCGGTGGGGCCAAAGAACTTCAACATGAAGCTGAGGTGAAGAGCATCTTCC
GGAGAGGCCTGGTTAAGGTGGCCCAAACACGGGGGCTGGATCATCACTGGGGGTTCACACACC
GGTGTGATGAAGCAGGTGGGCGAGGCGGTACGGGACTTCAGCCTAAGCAGCAGCTGCAAAGAAGG
CGACGTATCACCATCGGCATAGCCACGTGGGGCACCATCCACAACCGTGAGGCACTGATCCATC
CCATGGGAGGCTTCCCCGCTGAGTACATGCTGGATGAGGAAGGCCAAGGGAACCTGACCTGCCTG
GACAGCAACCACTCCCCTTCATCTTGGTGGATGATGGGACCCACGGGCAGTATGGTGTGGAGAT
TCCGCTGAGGACTAAGCTGGAGAAGTTCATATCGGAGCAAACGAAGGAAAGAGGGGGTGTGGCCA
TTAAGATCCCCATTGTCTGCGTGGTGTGGAGGGTGGCCCTGGCACTCTGCATACCATCTACAAC
GCCATCACCAATGGCACACCCTGCGTGATAGTGGAGGGCTCCGGCCGAGTGGCTGACGTCATCGC
TCAGGTGGCCGCTCTGCCCCTCTCTGAGATCACCATCTCCCTGATCCAGCAGAAGCTCAGCGTCT
TCTTCCAGGAGATGTTTGAGACTTTCACCGAAACAGATTGTGGAATGGACCAAAAAGATCCAA
GATATTGTCAGGAGGCGGCAGCTGCTGACGGTCTTCCGGGAAGGCAAGGATGGTCAGCAGGATGT
GGATGTCGCCATTCTGCAAGCTTTACTGAAAGCCTCTCGAAGCCAAGATCACTTCGGCCACGAGA
ACTGGGACCATCAGCTGAAGCTGGCCGTGGCCTGGAACCGTGTGGACATCGCCCGCAGTGAGATC
TTCATGATGAGTGGCAGTGAAGCCTTCAGACCTGCATCCCATGATGACAGCTGCCCTCATCTC
CAACAAGCCTGAGTTTGTGAGGCTCTTCTGGAGAACGGGGTGC GGCTGAAGGAGTTTGTACCT
GGGATACTCTTCTCTGCCTCTACGAGAACCTGGAGCCATCCTGCCTTTTCCACAGCAAGCTGCAG
AAGGTGCTGGCAGAAGAGCATGAACGCTTAGCCTATGCATCTGAGACACCCCGGCTGCAAAATGCA
CCACGTGGCCAGGTGCTGCGTGAGCTCCTCGGAGACTCCACACAGCTGCTGTATCCCCGGCCCC
GGTACACTGACCGGCCACGGCTCTCGCTGCCCATGCCACACATCAAACCTCAACGTGCAAGGAGTG
AGCCTCCGGTCTCTCTATAAGCGATCAACAGGCCACGTTACCTTACCATTGACCCAGTCCGCGA
TCTTCTCATTTGGGCCATCATCCAGAACCACAGGGAGCTGGCGGGCATCATCTGGGCTCAGAGCC
AGGACTGCACAGCAGCCGCACTGGCCTGCAGCAAGATCCTGAAGGAGCTGTCCAAGGAGGAGGAA
GATACAGACAGCTCTGAGGAGATGCTGGCACTCGCGGATGAGTTGAGCATAGAGCTATCGGTGT
CTTACCCGAGTGCTACAGAAAGGATGAGGAAAGAGCCCAGAAGCTGCTTGTCCGTGTGTCTGAGG
CCTGGGGGAAGACCACCTGCCTGCAGCTGGCCCTCGAGGCCAAGGACATGAAATTCGTGTACAC
GGAGGGATCCAGGCTTTCCTAACGAAGGTGTGGTGGGGTCAGCTCTGCGTGGACAATGGCCTGTG
GAGGATCATCCTGTGCATGCTGGCCTTCCCTCTGCTCTTACACGGCTTCATCTCCTTCAGGGAAA
AGAGGCTGCAGGCACTGTGCCGCCCGGCCGCGTCCGCGCCTTCTTCAACGCGCCGGTGGTCATC
TTCTACCTCAATATTCTCTCCTACTTTGCCTTCCCTCTGCCTGTTTGCCTACGTGCTCATGGTGA
CTTCCAGCCCTCACCATCCTGGTGCGAGTACCTCATCTACCTGTGGCTCTTCTCCCTGGTGTGCG
AGGAGACACGGCAGCTATTCTACGATCCCGATGGCTGCGGGCTCATGAAGATGGCGTCCCTGTAC
TTCAGTGACTTCTGGAACAACTGGACGTTGGGGCCATTCTGCTCTTTATAGCAAGACTGACCTG
CCGACTCATCCCAGCGACGCTGTACCCTGGGCGCATCATCCTGTCTTTGGACTTCATTATGTTCT
GCCTCCGCCCTCATGCACATCTTACCATTAGCAAGACACTGGGGCCCAAGATAATCATCGTGAAG
CGGATGATGAAGGACGTCTTCTTCTTCCCTCTTCTCCTGGCGGTGTGGGTGGTGTCTTCGGAGT
GGCCAAGCAGGCCATCCTCATCCACAATGAGAGCCGCGTGGACTGGATCTTCCGCGGAGTTATCT
ATCACTCTTACCTTACCATCTTCCGGCAGATCCCGACCTACATTGACGGCGTGAATTTTCAGCATG

GACCAGTGCAGCCCCAATGGTACAGACCCCTACAAGCCCAAGTGTCTGAGAGTGACTGGACAGG
GCAGGCACCCGCCTTCCCCGAGTGGCTGACAGTCAACCCTTCTCTGCCTCTACCTGCTCTTCGCCA
ACATCCTGCTGCTTAATTTGCTCATCGCCATGTTCAACTACACCTTCCAGCAGGTGCAGGAGCAC
ACAGACCAGATCTGGAAGTTCCAGCGCCACGACCTGATTGAGGAGTACCACGGCCGGCCCCCGGC
CCCTCCCCCACTCATCCTCCTCAGCCACCTGCAGCTCCTGATCAAGAGGATTGTCCTGAAGATCC
CCGCCAAGAGGACACAAGCAGCTCAAGAACAAGCTGGAGAAGAATGAGGAGGCAGCCCTCCTGTCC
TGGGAGCTCTACCTGAAGGAGAATTACCTGCAGAACCAACAGTACCAGCACAAACAGCGGCCAGA
GCAGAAGATCCAGGACATCAGTGAGAAAGTGGACACCATGGTGGATCTGTTGGACATGGACCGTG
TGAAGAGATCAGGCTCCACAGAGCAGAGGCTGGCCTCCCTTGAGGAACAGGTGACTCAGATGGGC
AGATCTTTGCACTGGATCGTGACGACCCCTGAAGGACAGTGGCTTTGGCTCAGGGGGCCGGTGCAT
GACCCTGGCAGCCCAAAGGGCCCTTCGACGAGCCAGATGCTGAGCTGAGTATCAGGAAGAAAGGAG
AGGAGGGGAGGAGATGGCTATCATGTGAGCGCCCGGCACCTCCTCTACCCTGATGCCCGCATCATG
CGCTTCCCCGTGCCTAATGAGAAGGTGCCTTGGGAGGCAGAGTTTCTGATCTACGACCCCTCCGTT
TTACACAGCTGAGAAGAAGGATGCGACTCTCACAGACCCCTGTGGGAGACACTGCAGAACCTCTGT
CTAAGATCAATTACAACGTCGTGGACGGACCGATGGACCGTTGCAGCTTCCATGGGACCTATGTG
GTCCAATATGGATTCCCTTTGAACCCCATGGGCGGCACCGGGTTGCGTGGTCTGGGAGCCTCAG
CTGGTTTGGTCCCAACCACACTCTGCAGCCAGTTGTTACCCGGTGGAAGAGGAACCAGGGTGGAG
GCATCTGCCGGAAGAGTGTGAGGAAGATGTTGGAGGTGCTGGTCATGAAGTTGCCTCAATCCGAG
CACTGGGCCTTGCTGGGGGCTCTCGGGAGCCAGGGAAGATGCTACCACGGAAGCTGAAACAGGT
CCTCCAGCAGGAGTTCTGGGTGACCTTTGAGACCTTGCTAAGGCAAGGAACAGAGGTGTACAAAG
GATACGTGGATGACCCAAGGAACACGGACAATGCCTGGATCGAGACGGTGGCTGTCAGCATCCAT
TTCCAGGACCAGAATGATGTGGAGCTGAAGAGGCTGGAAGAGAACCTGCAAACCTCATGATCCAAA
GGAGTCGGCCCGTGGCTTGGAGATGTCTACTGAATGGCAGGTGTAGACCGGCGGATCCCTCTGT
ATGTGAACCACAAGAAGATCCTCCAAAAGGTGGCCTCGCTGTTTGGCGCTCACTTCTGACCGTGG
GTTCTTGTGGAAGCTCCAGGGGAAGGGGTGATCATCCATCAATGACCCCCCTCCAAGACTTGGAC
TGGGTGGCAGGTTGAGGTACTGGGTTGGGGTGGTAGGTTGTAGGGCTGGGTTGGGTGACCACAGG
GATCTTAATAAGTCCCCAGAGGTACTGTCCTGAAAGCCACGTCTGCCACAACAGGAGGATCACAG
CATGAGGACAGAAGTGTTGTATTAGTGGCTCCTGAAATCTATGTCCTCAAGTGCCATGCCTTGA
TTAGGGTTTATGGGGCCCTGACCAGCACGATGCTGCCACTACTCATAGACCTGGTTGGAAGTGCT
ACCTCTAGGACAGGTGCTTTCCCTCGGAGGGACCTCTGTCCTCATCGTGGGAGCCTTCTGTCCTA
GGCATAAGGTAGACAGAGGCTATGCCTCCTTCAGGAAGAGACACTGCTCTCATAACTCCTGGTCA
GTGCTGAGTCACAGGCACTGAGGAAGGCCGTGAGGGCTTTGAGCTGGGATCACTGTCATCTCTAG
ACTTTAGAAGGGCTCCTCTGAGGACACTCGGGCAGGAGCACACCCTCCCTCAGCTCCAGTGCCAG
CTCTGCTGGTCACAGAAAACACTGGAAGAGGACAACAGGGTCCCATGTCACTGCTTCTAGAGAAA
TGTACAACCTGAGAACAATAGGCTTTCTCTCACAGGGTAGGTGACGGGGTAGGTGACTCAAGGATT
GGTACTGGCTAGGAGATCAACTCTGTAGTGGGGGGGGTTGTTGGAGGAACGGGGCAATGTCCGGGT
TTAATGGGATGGGGACAATAAGAATGTGTCTGATCAAAAAAAAAAAAAAAAAA (SEQ ID NO:2)